

## **AMENDMENTS TO THE CLAIMS**

Claim 1 (original) A method of providing home agent services, comprising the steps of:

providing a computing platform for receiving a plurality of packets from a first network;

implementing a plurality of home agents in software in said computing platform;

directing said packets within said computing platform to the home agent associated with said packets;

processing said packets in said plurality of home agents; and

forwarding said packets from said computing platform onto a second network for transmission to the destinations for said packets.

Claims 2-13 (canceled)